

**Undergraduate Research Symposium
Schedule
April 1-4, 2024**

**Monday April 1st
Beginnings**

Celebrate our VSU Freshman Scholars

3:00 pm Opening
www.valdosta.edu/urc



First-Year Lear Learning Communities (FLCs) provide students an opportunity to begin their college experience with other students who share similar interest and career objectives. This video project represents the first steps into research at the university level. Congratulations Scholars!

Tuesday April 2nd
Oral Presentations
On-Site
Student Union Theater

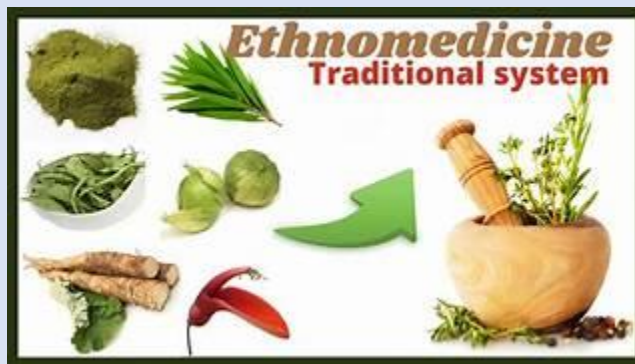
9:30-10:45

Moderator: Dr. Anne Price, Sociology

*An Evaluation of the Antibacterial Efficacy of
Various Ethnomedicinal Plants*

Ashton Z. Abbott

Sponsor: Dr. Gopeekrishnan Sreenilayam
College of Science and Mathematics, Chemistry



*Exploring the Expression of the Sentiment of Enamoramiento in
Literary and Musical Works Through Various Movements in Spain*

Sophia A. Newcamp

Sponsor: Dr. Grazyna Walczak
College of Humanities and Social Sciences, Modern and Classical Languages

21st Century Cyborg

Tage Joseph France

Sponsor: Dr. Shelly Yankovskyy
College of Humanities and Social Sciences, Anthropology

11:00-12:15

Moderator: Ahana Roy Choudhury

Mathematical Model for Death 30 Days after a Heart Transplant

Yasmene T. Williams

Sponsor: Dr. Andreas Lazari

College of Science and Mathematics, Applied Mathematics and Physics

Predicting Corpus Collasum Surface Area

Timothy M. Smith

Sponsor: Dr. Andreas Lazari

College of Science and Mathematics, Applied Mathematics and Physics

Genome Sequencing of the Invasive Mussel *Mytella charruana*

J.C. Adams

Sponsor: Dr. Cristina Calestani

College of Science and Mathematics, Biology

X-Ray Imaging of Siliques and Seeds from *Arabidopsis thaliana*

Nashay E. Brooks

Sponsors: Dr. Ted Uyeno and Dr. Ansul Lokdarshi

College of Science and Mathematics, Biology



1:00-2:15

Moderator: Kelley Parker MSN RN, Nursing

***Aspect Analysis: A In-Depth Look at the Interrelation of
Music-Related Variables***

Tristin Sahagun

Sponsor: Dr. Andreas Lazari

College of Science and Mathematics, Applied Mathematics and Physics



A Tangled Web: The Murdaugh Family and the Southern Political Network

William Ellis Davis

Sponsor: Dr. James LaPlant

College of Humanities and Social Sciences, Political Science

***Testing the Acoustic Adaptation Hypothesis:
Anuran Signal Transmission at Different Heights***

Jewell Johnson

Sponsors: Dr. John Phillips and Dr. Erin Grabarczyk

College of Humanities and Social Sciences, Modern and Classical Languages

***Harnessing the Power of Social-Emotional Learning (SEL) in
Elementary Classrooms: Strategies for Educators***

Cassidy M. Huebener

Sponsor: Dr. Forrest Parker

James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

3:30-5:00
Debate

Moderator: Dr. Michael H. Eaves, Communication Arts

President Biden's Policy is on Track

Affirmative: Gabbi Lorentz
Negative: Aaliyah Drayton



6:00-8:00

Student Union Theater

Moderator Dr. Sarah FitzGerald, History

Burt W. Griffin

Warren Commission Assistant Counsel

JFK, Oswald, and Ruby: Politics, Prejudice, and Truth



Former Warren Commission lawyer Burt Griffin examines anew the Kennedy assassination, its various investigations, its effects on the Cold War and the civil rights movement, and the motives of Lee Harvey Oswald and Jack Ruby. Griffin begins with his own skeptical reaction to the assassination, proceeds to the Dallas police investigation, and continues with the efforts of himself and his colleagues to sift truth from those who concealed, withheld, or exaggerated evidence.

Book Signing after Presentation—Free Copies first 45 Students. Or, a copy at the VSU Bookstore and bring your copy.

Wednesday April 3rd
Oral Presentations
On-Site
Student Union Theater

9:00-9:50

Moderator: Dr. Glenda Swan, Art and Design

The Connection Between Chronic Kidney Disease (CKD) and Food Insecurity: Southern US

Taelynn Walton

Sponsor: Dr. Ellis S. Logan

College of Humanities and Social Sciences, Sociology

How the Level of Support Received is Related to the Level of Confidence in Making a Positive and Sustainable Change within One's Community?

Adalyn, N. Watkins

Sponsor: Dr. Chialing Ho

College of the Arts, Communication Arts



Kaleidoscopic Threads: Afro-Spaniards an Afro-Latinos Cultural Impact on the Identity of Spanish-Speaking Societies

Breanna N. Johnson

Sponsor: Dr. Grazyna Walczak

College of Humanities and Social Sciences, Modern and Classical Languages

10:00-10:50

Moderator: Dr. Chia-Ling Ho, Communication Arts



***The Effect of Distance from College Campus on Student Grades for
Traditional and Non-traditional Students***

Victoria Emma Hilton

Sponsors: Dr. Ellis S. Logan and Dr. Anne Price
College of Humanities and Social Sciences, Sociology

Soul Food: A Transformation into Modern History

Isabelle F. Reimer

Sponsor: Dr. Melanie Byrd
College of Humanities and Social Sciences, History

Dirt Bike

Alexander S. Jaramillo

Sponsor: Dr. Andreas Lazari
College of Science and Mathematics, Mathematics



11:00-11:50

Moderator: Dr. Billy Quarles, Astronomy and Physics

Social Media and Mental Health

Trinity Williams

Sponsor: Dr. Ellis S. Logan

College of Humanities and Social Sciences, Sociology



Cultural importance of De'VIA art

Grayson J. Friedman

Sponsor: Dr. Lavonna Lovern

College of Humanities and Social Sciences, Interdisciplinary Studies



Modeling the Orbital Dynamics of Super Earth Kepler-62f

Jordan Hewins, Ian McLean and Jasmine Freeman

Sponsor: Dr. Billy Quarles

College of Science and Mathematics, Applied Mathematics and Physics

12:00-12:50

Pizza Lunch for **Presenters and Sponsors** Student Union Ballrooms



1:00-1:50

Spotlight: Music

Moderator: Dr. A.J. Ramirez, Women and Gender Studies

***Philipp Scharwenka's Trio for Violin and Viola and Piano in E Minor,
OP.121.Movement 1***

Benjamin L. Suarez, Sergio A. Sabillon and Erick M. Rubio

Sponsor: Dr. Joshua Pifer
College of Arts, Music

Piano Quartet in E-flat Major, K.493, II. Larghetto by W.A. Mozart

Kevin Juarez, Alysia D. Johnson, Dylan Hieb-Schatzberg and Anthony Shands

Sponsors: Dr. Joshua K Pifer and Prof. Xin-Yu Chang
College of Arts, Music

Florence Price: Adoration and the Lost Catalogue

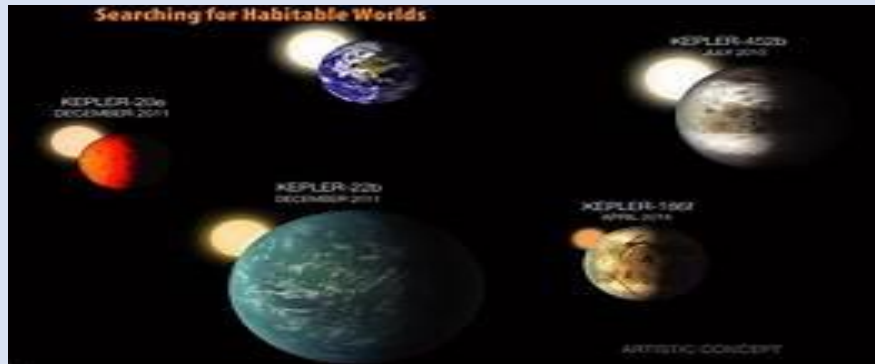
Alysia D. Johnson

Sponsor: Dr. Kristin Pfeifer Yu
College of Arts, Music



2:00-2:50

Moderator: Dr. Tom Aiello, History



***Exploring Uncharted Realms: Discovering Exoplanets via
Transit Analysis with TESS***

Jasmine Freeman

Sponsor: Dr. Douglas Caldwell

College of Science and Mathematics, Applied Mathematics and Physics

***The Katyn Massacre: Censorship, Discursive Cleansing, and
Suppression of Information in the U.S.***

Izabella R. Ramaker

Sponsor: Dr. Sebastian Bartos

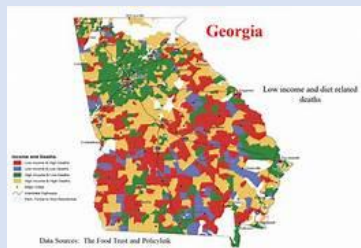
College of Humanities and Social Sciences, History

Food Desert Epidemic: Albany, GA's Failure to Thrive

Demetria A. Wright

Sponsor: Dr. Philip Storey

College of Humanities and Social Sciences, Sociology



3:00-3:50

Moderator: Dr. Ophelie Desmet, Educational Psychology

***Exploring Kepler 62f's Climate Dynamics through an
Energy Balance Model***

Ian McLean

Sponsor: Dr. Billy Quarles

College of Science and Mathematics, Applied Mathematics and Physics



***Fostering Student Empowerment and Community Engagement: The Impact of Student-led
SWAP Programs on Underrepresented College Student Success***

Adalyn Watkins, Ramya Hemphill, Alexa Driskell,
Ailiyah Williams, Jalacia Outlaw and Trevor Kinlaw

Sponsors: Dr. Jamie Gilbert and Dr. Arrington Stoll

College of Arts, Communication Arts

History Talent Development

Rosieana Elizabeth Johnson

Sponsor: Dr. Ophelie Desmet

James L. and Dorothy H. Dewar College of Education and Human Services,
Human Services



4:00-4:50

Moderator: Darshi Patel, Biology

***Mitákuye Oyás'iy: An Analysis of Native North American
Cosmologies and Western Science***

Cecilia G. Kee

Sponsor: Dr. Shelly Yankovskyy
College of Humanities and Social Sciences,
Native American and Indigenous Studies

***Exploring Surface Temperature Dynamics and Habitability Potential:
Insights from a Daisy world Model on Kepler-62f***

Jasmine Freeman, Ian Mclean and Jordan Hewins

Sponsor: Dr. Billy Quarles
College of Science and Mathematics, Applied Mathematics and Physics

Deep Eutectic Solvents: A Home for Myoglobin Biocatalysis

Kaylee J. O'Quinn

Sponsor: Dr. Gopeekrishnan Sreenilayam
College of Sciences and Mathematics, Chemistry



Wednesday April 3rd

Webinar

Moderator: Dr. Ahana Roy Choudhury, Computer Science



An Intersection of Race and Religion: Teaching Social Studies under GA HB 1084

Archer K. Hathaway

Sponsor: Dr. Karen Terry

James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

House Bill 1084 and its Impact on Teaching and Discussing Topics Related to Race within Georgia's Public Schools

Corey L. Cox

Sponsor: Dr. Karen Terry

James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

Examining the Impact of House Bill 1084: Critical Race Theory in K-12 Classrooms

Macie H. Green

Sponsor: Dr. Karen Terry

James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

11:00-12:15

Moderator: Dr Michelle Ocasio, Modern and Classical Languages

(In)Evitable? Perspectives on Marriage Chez the 18th Century French Heroine

Lauren I. Mariah

Sponsor: Dr. Kelly F. Davidson

College of Humanities and Social Sciences, Modern and Classical Languages

***Kaleidoscopic Threads: Afro-Spaniards and Afro-Latinos
Cultural Impact on the Identity of Spanish-Speaking Societies***

Breanna N. Johnson

Sponsor: Dr. Grazyna Walczak

College of Humanities and Social Sciences, Modern and Classical Languages

***Las Cantigas de Santa Maria: Restoring the Virgin Mary's
Humanity through a Medieval Masterpiece***

Lauren I. Mariah

Sponsor: Dr. Grazyna Walczak

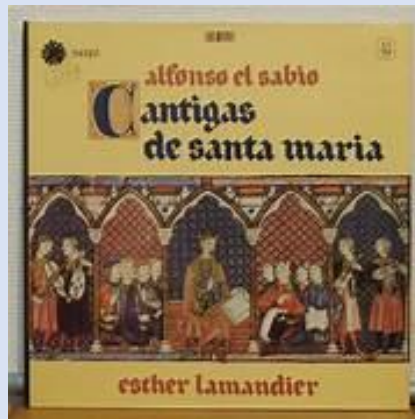
College of Humanities and Social Sciences, Modern and Classical Languages

***Statues and Monsters: The Hidden Mexican Identity in the
Story "Chac Mool"***

Yoav Golan

Sponsor: Dr. Ericka Parra

College of Humanities and Social Sciences, Modern and Classical Languages



1:00-2:15

Moderator: Dr. Grazyna Walczak, Modern and Classical Languages

Social Media and its Effects on E-Commerce

Alec J. Martin

Sponsor: Dr. Chunlei Liu

College of Science and Mathematics, Computer Science

Restructuring Education: Teaching Race with House Bill 1084

Kaemon R. Hursey

Sponsor Dr. Karen Terry

James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

Senegalese Literature

Sarah Jayroe

Sponsor: Dr. Kelly Davidson

College of Humanities and Social Sciences, Modern and Classical Languages

***The Bully Pulpit and Theodore Roosevelt:
How Spoken Word become Written Law***

Austin D. Peterson

Sponsor: Dr. Marc Pufong

College of Humanities and Social Sciences, Political Science



3-Minute Video Contest

6:00-7:30 PM

Student Union Theater

Moderator: Dr. Tom Aiello, History

Bringing Field Work into the Classroom with a Controlled Environmental Box for Outreach Training (CEBOT): An Experiential Learning Study

Morgan E. Wynn
Sponsor: Dr. Ansul Lokdarshi
College of Science and Mathematics, Biology

Deep Eutectic Solvents

Mason A. Griffin, Kaylee J. O'Quinn and David B. Vasquez
Sponsor: Dr. Gopeekrishnan Sreenilayam
College of Science and Mathematics, Chemistry

The Socioeconomics of a Country's Transformation from Developing to Developed Nations

Idara A. Essienumoh
Sponsor: Dr. Mohammad Movahed
Harley Langdale, Jr. College of Business Administration, Healthcare Administration

An Evaluation of the Antibacterial Efficacy of Various Ethnomedicinal Plants

Ashton Z. Abbott, Clayton J. Gall, Airionna Fordham and Krunal Patel
Sponsors: Dr. Gopeekrishnan Sreenilayam, Dr. Tolulope Salami and Dr. Xiaomei Zheng
College of Science and Mathematics, Chemistry

60- Second Videos for TIE Conest--Atlanta

Bryostatin: An Economical Approach to Synthesize a Prominent Pharmaceutical Age

Mickey Shery
Sponsor: Dr. Thomas Manning
College of Science and Mathematics, Chemistry

A Versatile Game to Familiarize Students of All Ages with New Topics

Kathrine Hollister
Sponsor: Dr. Thomas Manning
College of Science and Mathematics, Chemistry

**Thursday April 4th
Oral Presentations
On-Site
Student Union Theater**

9:30-10:45

Moderator: Dr. Charles Talor, Psychological Sciences

The Hypocrisy of The American Death Penalty in Literature

Evie L. Webb

Sponsor: Dr. Ubaraj Katawal

College of Humanities and Social Sciences, English



A Change in Rome: The 1527 Sack of Rome and Its Cultural and Political Consequences

Erik Marine

Sponsor: Dr. Sebastian Bartos

College of Humanities and Social Sciences, History

Linguistic Transfer: Application in an American Sign Language Cohort

Addeline S. Wright

Sponsor: Dr. Jennifer Beal

College of Honors



11:00-12:15

Moderator: Dr. Gopeekrishnan Sreenilayam, Chemistry



Examining the Relationship between Watching Sports Programs and Feeling Stressed

Dylan Harvey

Sponsor: Dr. Chia Ling Ho
College of the Arts, Communication Arts

Myoglobin-Catalyzed Aerobic Cyclopropanation of Styrene in Deep Eutectic Solvents

Mason A. Griffin

Sponsor: Dr. Gopeekrishnan Sreenilayam
College of Science and Mathematics, Chemistry

Correlations Between Anthropometric Measures and Visceral Adipose Tissue in Reserve Officers' Training Corps Cadets

Madeleine R. Mayer

Sponsor: Dr. Mark Kasper
College of Nursing and Health Sciences, Exercise Physiology

1:00-2:15

Moderator: Dr. Ahana Roy Choudhury, Computer Science

***Exploring Hidden Talent: Identifying and Supporting Hard of Hearing
People's Talent Development***

Jenna, N. Herren

Sponsor: Dr. Ophelie Desmet

James L. and Dorothy H. Dewar College of Education and Human Services, Human Services

Martin Luther and Humanism

Philip C. Maddox

Sponsor: Dr. Sebastian Bartos

College of Humanities and Social Sciences, History

The Gifted Gamble

Makayla D. Weeks

Sponsor: Dr. Forrest Parker

James L. and Dorothy H. Dewar College of Education and Human Services, Education



A Machine Learning Analysis on the Unemployment Rates in the U.S.

Callie N. Reid

Sponsor: Dr. Velez-Marulanda

College of Science and Mathematics, Applied Mathematics and Physics

2:30-3:45

Moderator: Dr. Marc Pufong, Political Science

All Power to the People: Ideas and Beliefs of the Black Panther Party

Jalen L. Mercer

Sponsor: Dr. Melanie Byrd

College of Humanities and Social Sciences, History

Roots of Understanding: Exploring Etymology's Impact on Language Acquisition

Olesia Kutuzova

Sponsor: Dr. Blaine Browne

College of Humanities and Social Sciences, Psychological Science; English

Long-term Effects of Emotional Abuse in Wildwood by Junot Diaz

Skylar P. Morris

Sponsor: Dr. Ubaraj Katawal

College of Humanities and Social Sciences, English

***Seasonal Population and Ongoing Morphometric Analyses of Wild Dwarf Seahorses
(Hippocampus zosterae)***

Diah Brown and Paige Bland

Sponsors: Dr. Emily Rose

College of Science and Mathematics, Biology



Poster Presentations/Reception

**Student Union Ballrooms
6:00-7:30**

**Awards
7:30**



Poster Participants

Acoustic Properties of Connected Speech

Stephanie G. Lopez and Ashtyn L. Ray
Sponsor: Dr. Matthew Carter
Dewar College of Education, Communication Sciences and Disorders

Addiction by Design: Strategies in Modern Game Development

Chad Calhoun, Andrew Lind Tucker and Tyler Young
Sponsor: Dr. Sudip Chakraborty
College of Science and Mathematics, Computer Science

Analysis of Autonomous Vehicles in Public Transit

Jacob Bruch, Meghan Schofield, Chris Le, Makayla Horner,
Michael Williams, Diamond Jennings and Jahkaylah Rogers
Sponsor: Dr. Jia Lu
College of Science and Mathematics, Chemistry & Geosciences

A New Drug and a Pitch Contest

Thomas E. Wilson, Micky K. Sherry and Jalon W. Palmer
Sponsor: Dr. Thomas Manning
College of Science and Mathematics, Chemistry and Geosciences

AVL Tree Spellchecker

Hayden R. Dunlap, Bryan Godinez Jimenez, Jaehun Hong and Dhrumil Patel
Sponsor: Dr. Anurag Dasgupta
College of Science and Mathematics, Computer Science

Beyond Wins and Losses: The Effect of Gender Dynamics and Leadership on Collegiate Athletic Team Success

Mackenzie Branch
Sponsor: Dr. Ellis S. Logan
College of Humanities and Social Sciences, Sociology

***Bioactive Excipients for Increasing the Efficacy of Antibiotics,
Cancer Drugs and Antivirals for Pox Viruses***

Capri Persaud and Akshil Patel
Sponsor: Dr. Thomas Manning
College of Science and Mathematics, Chemistry and Geosciences

Black Pill Culture and Toxic Masculinity

Kianna Moore
Sponsors: Dr. Ellis S. Logan and Mx. Rob Taylor
Humanities and Social Sciences, Sociology

***Building Strong Foundations: Enhancing Teacher Preparation
Programs for Empowered Educators***

Jeff Benjamin
Sponsor: Dr. Lavonna Lovern
College of Humanities and Social Sciences, Philosophy

Carotenoid Extraction using Deep Eutectic Solvents

Fiona C. Brightman
Sponsors: Dr. Alexandrina L. Focsan and Dr. Gopeekrishnan Sreenilayam
College of Science and Mathematics, Chemistry

***Coffee Conservation: Using Passive Acoustic Recordings to Identify Singing
Birds on Coffee Farms in Brazil***

Marianoelle Rivera, Chayla Lopez and Ryley Kleive
Sponsor: Dr. Erin Grabarczyk
College of Science and Mathematics, Biology

Comparison of Juvenile Seahorse Measurement Methodologies

E. Lanier Baker
Sponsor: Dr. Emily Rose
College of Science and Mathematics, Biology

Considering the Death Penalty and Ethics

Oscar L. Prieto
Sponsor: Dr. Lavonna Lovern
College of Humanities and Social Sciences, Philosophy

***Covid 19 AND Mental Health in the 50 States:
Key Predictors of the Suicide before and at the Wake of the Pandemic***

Kaylor Stone

Sponsor: Dr. James LaPlant

College of Humanities and Social Sciences, Political Science

Dark Matter vs. Modified Gravity

Alexandria Navedo

Sponsors: Dr. Lavonna Lovern and Dr. Billy Quarles

College of Humanities and Social Sciences, Philosophy

College of Science and Mathematics, Physics and Astronomy

Death Penalty: A Case of Ethics

Oscar L. Prieto

Sponsor: Dr. Lavonna Lovern

College of Humanities and Social Sciences, Philosophy

Development of an Attitudes Toward the Israel-Hamas War Scale

Caleb L. Berrian, Elizabeth C. Carter, Mytavia L. Cooper, Sha’Nyia and N. Ghent

Sponsor: Dr. Meagan M. Wood Hopkins

College of Humanities and Social Sciences, Psychological Sciences

***Development of Molecular and Biochemical Workflow for the
Characterization of Arabidopsis thaliana transgenic Plants***

Pearce A. Persaud and Connor C. Bland

Sponsor: Dr. Ansul Lokdarshi

College of Science and Mathematics, Biology

Dimerization of Anthracene

Paola Roblero Loopez

Sponsor: Dr. Shipra Gupta

College of Science and Mathematics, Chemistry and Geosciences

***Does Social Media Impact Generational Differences in Knowledge of the Affordable
Healthcare Act between Students and Professors at Valdosta State University?***

Jaclyn R Talbert and Collin Tomeny

Sponsors: Dr. Michael Savoie and Dr. A.J. Ramirez

College Of Honors and College of Humanities and Social Sciences, Sociology

Education, Political Views, and Perceptions of Immigrants of Color

Marie A Philor

Sponsor: Dr. Anne Price

College of Humanities and Social Sciences, Sociology

Effect of COVID-19 Policy Discrepancies in High-Minority Long-term Care Facilities

Alma V. Diaz

Sponsor: Dr. Jia Lu

College of Science and Mathematics, Chemistry and Geosciences

Egypt, the New Constitution, Rights and Freedom: More or Less?

Kmirria L. Lawrence

Sponsor: Dr. Marc G. Pufong

College of Humanities and Social Sciences, Political Science

Employer-Assisted Housing

Alma V. Diaz, Charles S. Ellis, Diamond T. Jennings,
Mercedes L. McElroy, Demetrius J. McQueen and Jahkaylah J. Rogers

Sponsor: Dr. Jia Lu

College of Science and Mathematics, Chemistry and Geosciences

Environmental Gentrification in America

Zachary Collis

Dr. Ellis S. Logan, Dr. Shelly Yankovskyy and Dr. Anne Price

College of Humanities and Social Sciences, Sociology

Evaluation of the Antibacterial Properties of Ethnomedicinal Plants

Airionna Fordham

Sponsor: Dr. Gopeekrishnan Sreenilayam

College of Science and Mathematics, Chemistry

Evaluation of Slimy Salamander Ecology (*Plethodon glutinosus*) in South Georgia

Clayton Gall

Sponsor: Dr. John Phillips

College of Science and Mathematics, Biology

Exploring Relationships among Daily Screen Time Total, Social Media Applications used and Individual Self-rated Mental Health

Caitlin Hultquist

Sponsor: Dr. Anne Price

College of Humanities and Social Sciences, Sociology

Exploring Kepler 62f's Climate Dynamics through an Energy Balance Model

Ian McLean

Sponsor: Dr. Billy Quarles

College of Science and Mathematics, Applied Mathematics and Physics

Exploring Teacher Perceptions of Classroom Management: Insights from Local School Districts

LeAnna Keller

Sponsor: Dr. Forrest Parker III

James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

Exploring Surface Temperature Dynamics and Habitability Potential: Insights from a Daisy world Model on Kepler-62f

Jasmine Freeman, Ian Mclean and Jordan Hewins

Sponsor: Dr. Billy Quarles

College of Science and Mathematics, Applied Mathematics and Physics

Exploring the Complexity of Gun Rights: Examining Generational and Gender Influences

Averi L. Keller

Sponsor: Dr. Brandon Atkins

College of Humanities and Social Sciences, Criminal Justice

Exploring the Influence of Age and Gender on Perceptions of Violent Video Games and Future Offending

Makayla Cowan

Sponsor: Dr. Brandon Atkins

College of Humanities and Social Sciences, Criminal Justice

Exploring the Influence of Media Consumption and Age on Perception of Law Enforcement

Deanna C. Doyle

Sponsor: Dr. Joshua Atkins

College of Humanities and Social Sciences, Criminal Justice

Expression of an Aquaporin Gene in E. coli

Caidyn D. Carr

Sponsor: Dr. Donna Gosnell

College of Science and Mathematics, Chemistry and Geosciences

Expression of an Aquaporin Gene in Yeast

Carlton W. Francis

Sponsor: Dr. Donna Gosnell

College of Science and Mathematics, Chemistry and Geosciences

Facial Recognition Techniques to Identify Individual Gulf pipefish in Tampa Bay, FL

Brooke H. McKay

Sponsor: Dr. Emily Rose

College of Science and Mathematics, Biology

Factors that affect Maternal Mortality in African American Women

Aniya J. Morris

Sponsor: Dr. Lois Ann Bellflowers

College of Nursing and Health Sciences, Nursing

Factors That Facilitate the Displacement of the Gullah Geechee Community

Demetrius J. McQueen

Sponsor: Dr. Paul Vincent

College of Science and Mathematics, Chemistry and Geosciences

Faith and Politics in Juvenile Justice: Examining the Influence of Religious Beliefs and Political Alignment on Attitudes towards Intervention

Harley Baldwin

Sponsor: Dr. Brandon Atkins

College of Humanities and Social Sciences, Criminal Justice

Firearms, Politics, and Public Perspectives: How Race and Political Affiliation Shape Attitudes towards Gun Control

Lola Grace Floyd

Sponsor: Dr. Brandon Atkins

College of Humanities and Social Sciences, Criminal Justice

Food Deserts in Georgia

Diamond T. Jennings
Sponsor: Dr. Jia Lu
College of Science and Mathematics, Chemistry and Geoscience

Fox News Viewership across the 50 States

Margaret Ellison Smith
Sponsor: Dr. James LaPlant
College of Humanities and Social Sciences, Political Science

From the Law of the Lever to Calculus and Beyond

Miguel Angel Riano Guevara
Sponsor: Dr. Charles Kicey
College of Science and Mathematics, Applied Physics and Mathematics

“God wants to use you”: The Perversion of Religion in Postmodernist Works

Amber G. Velasquez
Sponsor: Dr. Adam Wood
College of Humanities and Social Sciences, English

Green Tech Oyster Restoration; Saving the Ocean One Bivalve at a Time

Thomas Wilson
Sponsor: Dr. Tom Manning
College of Science and Mathematics, Chemistry

Gulf pipefish Sexual Dimorphism and Seasonal Abundance in Tampa Bay, FL

Aldo Madrigal Olivarez, Kenneth J. Armstrong and Megan N. Sims
Sponsor: Dr. Emily Rose
College of Science and Mathematics, Biology

History Talent Development

Rosieana Elizabeth Johnson
Sponsor: Dr. Ophelie Desmet
James L. and Dorothy H. Dewar College of Education and Human Services,
Human Services

How does Age and Family Values affect Students' Views on Marriage?

Victoria Ahmadu

Sponsors: Dr. Ellis S. Logan and Dr. Anne Price
College of Humanities and Social Sciences, Sociology

Hydrophobic Deep Eutectic Green Solvents for Carotenoid Extraction

Myles Monroe and Thomas Rideau IV

Sponsors: Dr. Alexandrina L. Focsan and Dr. Gopeekrishnan Sreenilayam
College of Sciences and Mathematics, Chemistry

Importance of College Faculty having a Certification and the Impact that Provides to Students in the Accounting Field

Saul J. Guzman

Sponsors Dr. Raymond Elson, Cory O. Crews DBA, CPA and Dr. Casey Colson
Harley Langdale, Jr. College of Business Administration, Accounting

Innovations in Car Fuel Sources

Muhammad B. Ashfaq and Danny Warren

Sponsor: Dr. Tom Manning
College of Science and Mathematics, Chemistry

Integrating Social-Emotional Learning Strategies for Effective Classroom Management: A Guide for Elementary Teachers

Rebecca Taylor

Sponsor: Dr. Forrest Parker III
James L. and Dorothy H. Dewar College of Education and Human Services,
Teacher Education

Investigating White-Collar Crime: Examining the Impact of Demographics and Institutional Trust on Public Perceptions

Sabrina R. Maine

Sponsor: Dr. Brandon Atkins
College of Humanities and Social Sciences, Criminal Justice

Is It Better to Give Than Receive? Effects of Interpersonal Characteristics on Attitudes toward Oral Sex

Kenzie A. Eikenberry and Selena Garza

Sponsor: Dr. Mark A. Whatley
College of Humanities and Social Sciences: Psychological Sciences

Mapping Surface Geophysical Anomalies using Ground-Penetrating Radar

Ramyia J. Hemphill

Sponsor: Dr. Don Thieme

College of Science and Mathematics, Physics and Geosciences

Measuring Mindfulness in College Student Budgeting

Yoselyn J. Molina Melendez

Sponsor: Charles R. Talor

College of Humanities and Social Sciences, Psychological Sciences

Mindfulness Variables for Students with Disabilities Adjusting to College

Britton D. Kirkland and Lude A. Jose

Sponsor: Charles R. Talor

College of Humanities and social Sciences, Psychological Science

Modern Qatar Theocracy, Changing Ideas of Citizenship, and Rule of Law

Victoria Tanner

Sponsor: Dr. Marc Pufong

College of Humanities and Social Sciences, Political Science

Myoglobin-Catalyzed Aerobic Cyclopropanation of Styrene in Deep Eutectic Solvents

Mason A Griffin

Sponsor: Dr. Gopeekrishnan Sreenilayam

College of Sciences and Mathematics, Chemistry

Ni-Prussian Blue Analogs as Electrocatalyst for CO₂ Reduction

Tiwaloluwa Salami

Sponsor: Tolulope O. Salami

College of Science and Mathematics, Chemistry and Geosciences

Opioid Deaths in the United States

Noah Phillips

Sponsor: Dr. James LaPlant

College of Humanities and Social Sciences, Political Science

Pakistan: Islamization constitution, Citizenship Rights, and the Rule of Law Allure

Sabane Maiga

Sponsor: Dr. Marc Pufong

College of Humanities and Social Sciences, Political Science

Photochemical Study of Vitamin D Field in Supramolecular Host System

Reagan G. Newsom and, Keishona D. Gordon

Sponsor: Dr. Shipra Gupta

College of Science and Mathematics, Chemistry

Race and Gender's effect on Attitudes Towards Eating Disorders

Zakia Dixon

Sponsor: Dr. Ellis S. Logan

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SEM-EDS Analysis of Metal Oxide Samples

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Simulating a Vending Machine using an Arduino

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Simulation of a Finite State Machine

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***Staurolite within the Dean Formation in the 7.5-minute Murphy
Quadrangle, North Carolina***

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Synthesis and Antibacterial Properties of Chiral Schiff Bases

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Synthesis of Iron (III) Oxide Nanoparticles for Nanocrystalline Photoanodes

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Tailoring [2+2] Photocycloaddition Reaction of Acenaphthylene to Demonstrate Thymine/ Adenine Dimerization in an Organic Chemistry Lab

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Alexa Luna, Brystan T. Carthon, Carlton W. Francis, Hope E. Smith, Kenya J. Copeland, Airionna S. Fordham, Kirby C. Perry, Micky K. Sherry and Vanessa N. Brignolle

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Unger's Multiverse

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Using AlphaFold, an artificial intelligence Protein Structure Prediction Program for Developing GCN2 Structure

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Using A Sudoku Style Puzzle to Introduce Terminology to Active Learners in the Field of Anatomy

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Using Hair Cortisol Levels to Understand the Effect of the COVID-19 Pandemic on Stress in Healthcare Workers

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Verification of Center of Gravity Structures in Engineering Technology using Computational Methods and Milling Machine Experimentations

Christian P. Strickland

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Simulation of Mechanics Problems in Various Variables using ChatGPT and MATLAB

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16th Annual Graduate Research & Scholarship Symposium and GA of the Year Awards

Innovating how Research and Service Impact Graduate Education

April 5, 2024

Time: 3-6pm

Student Union Theater & Ballrooms

**3MT Presentations & Graduate Assistant of the Year event will be
3-4pm in the Student Union Theater**

Poster Presentations will be 4-6pm in the Student Union Ballrooms

Please contact Darli DeVane at djdevane@valdosta.edu if you have questions